

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011408**Date Inspected:** 13-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Orthotropic Box Girder(OBG)**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance (QA) Inspector Shailesh Gaikwad was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

OBG # TRIAL ASSEMBLY YARD.

This QA inspector performed T-Rib dimensional survey and recorded horizontal and vertical offset along with QA inspector (Mr. Manoj Prabhune) for below segment. Reports forwarded to team leader for further action

7BE-7BW

This QA Inspector observed the following work in progress:

This QA inspector observed, ZPMC qualified welding personnel identified as 054467 perform Shielded Metal Arc Welding (SMAW), weld joint identified as SEG029B-009, ZPMC CWI identified as Mr. Wuzhi Chang. The welding parameters measured using QC's calibrated instrument appeared to be in general compliance with WPS-345-SMAW-4G (4F)-Repair.

This QA inspector observed, ZPMC qualified welding personnel identified as 066179 perform Shielded Metal Arc Welding (SMAW), weld joint identified as SEG032H-106,107, ZPMC CWI identified as Mr. Zhang Hai Tao . The

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

welding parameters measured using QC's calibrated instrument appeared to be in general compliance with WPS-B-P-2114-FCM-1

This QA inspector observed, ZPMC qualified welding personnel identified as 067183 perform Shielded Metal Arc Welding (SMAW), Weld joint identified as FB028-001-002,004, ZPMC CWI identified as Mr.LI Yang. The welding parameters measured using QC's calibrated instrument appeared to be in general compliance with WPS-B-P-2114-FCM-1

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this projec

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang phone: 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Gaikwad,Shailesh	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer
